

L2 ANSWER 185 OF 191 CA COPYRIGHT 2006 ACS on STN
AN 127:25779 CA
ED Entered STN: 08 Jul 1997
TI Solidification of **photocatalyst** at room temperature by
pozzolanic reaction
IN Shimazaki, Kenzo; Kasai, Rihei; Kobori, Shigeji
PA Okaya Electric Industry Co., Japan
SO Jpn. Kokai Tokkyo Koho, 5 pp.
CODEN: JKXXAF
DT Patent
LA Japanese
IC ICM B01J035-02
ICS B01J021-06; B01J023-06; B01J023-30; B01J023-50; B01J037-00
CC 74-1 (Radiation Chemistry, Photochemistry, and Photographic and Other
Reprographic Processes)
Section cross-reference(s): 60, 67

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	JP 09075747	A2	19970325	JP 1995-258155	19950911
	JP 2913265	B2	19990628		
PRAI	JP 1995-258155		19950911		

CLASS

PATENT NO.	CLASS	PATENT FAMILY CLASSIFICATION CODES
JP 09075747	ICM	B01J035-02
	ICS	B01J021-06; B01J023-06; B01J023-30; B01J023-50; B01J037-00
	IPCI	B01J0035-02 [ICM,6]; B01J0021-06 [ICS,6]; B01J0023-06 [ICS,6]; B01J0023-30 [ICS,6]; B01J0023-50 [ICS,6]; B01J0037-00 [ICS,6]

AB The **photocatalyst** is solidified by mixing with (A) SiO₂ and/or Al₂O₃, (B) a solidification agent containing slaked lime and cement, (C) a hydration-controlling agent containing a lime-supersatn. agent, and (D) H₂O. Incineration ash may be used as a raw material containing SiO₂ and/or Al₂O₃. Photocatalysts were solidified at room temperature without sintering.

ST **photocatalyst** pozzolanic solidification room temp; incinerator ash recycling **photocatalyst** pozzolanic solidification

IT Ashes (residues)
(incinerator; solidification of **photocatalyst** using incinerator ash at room temperature by pozzolanic reaction)